

## Section 1. Registration Information

### Source Identification

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Facility Name:	Sanderson Farms, Inc.
Parent Company #1 Name:	Sanderson Farms, Inc.
Parent Company #2 Name:	

### Submission and Acceptance

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Submission Type:	Re-submission
Subsequent RMP Submission Reason:	Voluntary update (not described by any of the above reasons)
Description:	
Receipt Date:	09-Apr-2015
Postmark Date:	09-Apr-2015
Next Due Date:	09-Apr-2020
Completeness Check Date:	09-Apr-2015
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

### Facility Identification

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EPA Facility Identifier:	1000 0008 8503
Other EPA Systems Facility ID:	39440SNDRS631SA
Facility Registry System ID:	1100 1683 3630

### Dun and Bradstreet Numbers (DUNS)

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Facility DUNS:	8172512
Parent Company #1 DUNS:	96043708
Parent Company #2 DUNS:	96043708

### Facility Location Address

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Street 1:	2535 Sanderson Drive
Street 2:	
City:	Laurel
State:	MISSISSIPPI
ZIP:	39441
ZIP4:	
County:	JONES

### Facility Latitude and Longitude

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Latitude (decimal):	31.666944
Longitude (decimal):	-089.160833
Lat/Long Method:	Interpolation - Digital map source (TIGER)
Lat/Long Description:	Center of Facility
Horizontal Accuracy Measure:	25
Horizontal Reference Datum Name:	North American Datum of 1983

Source Map Scale Number:

## Owner or Operator

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Operator Name:	Sanderson Farms, Inc.
Operator Phone:	(601) 649-4030

## Mailing Address

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Operator Street 1:	127 Flynt Road
Operator Street 2:	
Operator City:	Laurel
Operator State:	MISSISSIPPI
Operator ZIP:	39443
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

## Name and title of person or position responsible for Part 68 (RMP) Implementation

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RMP Name of Person:	Billy Pitts
RMP Title of Person or Position:	Division Manager
RMP E-mail Address:	

## Emergency Contact

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Emergency Contact Name:	Billy Pitts
Emergency Contact Title:	Division Manager
Emergency Contact Phone:	(601) 428-5261
Emergency Contact 24-Hour Phone:	(601) 428-5261
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	N/A

## Other Points of Contact

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Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	(601) 428-5261
Facility or Parent Company WWW Homepage Address:	www.sandersonfarms.com

## Local Emergency Planning Committee

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LEPC:

## Full Time Equivalent Employees

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Number of Full Time Employees (FTE) on Site:	665
FTE Claimed as CBI:	

## Covered By

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OSHA PSM :	Yes
EPCRA 302 :	Yes

CAA Title V:  
Air Operating Permit ID:

## OSHA Ranking

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OSHA Star or Merit Ranking:

## Last Safety Inspection

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Last Safety Inspection (By an External Agency) Date:	05-Mar-2015
Last Safety Inspection Performed By an External Agency:	Risk Enterprise Management

## Predictive Filing

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Did this RMP involve predictive filing?:

## Preparer Information

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Preparer Name:	Brenda B. Flick
Preparer Phone:	(601) 649-4030
Preparer Street 1:	127 Flynt Road
Preparer Street 2:	
Preparer City:	Laurel
Preparer State:	MISSISSIPPI
Preparer ZIP:	39443
Preparer ZIP4:	
Preparer Foreign State:	
Preparer Foreign Country:	
Preparer Foreign ZIP:	

## Confidential Business Information (CBI)

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CBI Claimed:  
Substantiation Provided:  
Unsanitized RMP Provided:

## Reportable Accidents

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Reportable Accidents:	See Section 6. Accident History below to determine if there were any accidents reported for this RMP.
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## Process Chemicals

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Process ID:	1000062089
Description:	Ammonia Refrigeration
Process Chemical ID:	1000076350
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	26068
CBI Claimed:	
Flammable/Toxic:	Toxic

## Process NAICS

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Process ID:	1000062089
Process NAICS ID:	1000063227
Program Level:	Program Level 3 process
NAICS Code:	311615
NAICS Description:	Poultry Processing

## Section 2. Toxics: Worst Case

Toxic Worst ID: 1000049833

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Percent Weight:

Physical State:

Model Used:

Release Duration (mins):

Wind Speed (m/sec):

Atmospheric Stability Class:

Topography:

Gas liquified by pressure

EPA's RMP\*Comp(TM)

10

1.5

F

Urban

### Passive Mitigation Considered

Dikes:

Enclosures:

Berms:

Drains:

Sumps:

Other Type:

## Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000053280

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Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

### Passive Mitigation Considered

Dikes:  
Enclosures:  
Berms:  
Drains:  
Sumps:  
Other Type:

### Active Mitigation Considered

Sprinkler System:  
Deluge System:  
Water Curtain:  
Neutralization:  
Excess Flow Valve:  
Flares:  
Scrubbers:  
Emergency Shutdown:  
Other Type:

## **Section 4. Flammables: Worst Case**

No records found.

## **Section 5. Flammables: Alternative Release**

No records found.

## Section 6. Accident History

No records found.

## Section 7. Program Level 3

### Description

Ammonia Refrigeration: Process Safety Management

### Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000063104
Chemical Name:	Ammonia (anhydrous)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7

Process ID:	1000062089
Description:	Ammonia Refrigeration
Prevention Program Level 3 ID:	1000051601
NAICS Code:	311615

### Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	05-Mar-2015
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### Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	28-May-2013
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### The Technique Used

What If:	Yes
Checklist:	
What If/Checklist:	
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	30-Jun-2015

### Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	Yes
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	

Earthquake:	
Floods (Flood Plain):	
Tornado:	Yes
Hurricanes:	Yes
Other Major Hazard Identified:	

## Process Controls in Use

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Vents:	Yes
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	
Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	
Backup Pump:	Yes
Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	Yes
None:	
Other Process Control in Use:	

## Mitigation Systems in Use

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Sprinkler System:	
Dikes:	
Fire Walls:	
Blast Walls:	
Deluge System:	
Water Curtain:	
Enclosure:	
Neutralization:	
None:	Yes
Other Mitigation System in Use:	

## Monitoring/Detection Systems in Use

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Process Area Detectors:	
Perimeter Monitors:	
None:	Yes
Other Monitoring/Detection System in Use:	

## Changes Since Last PHA Update

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Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	
Change Process Parameters:	

Installation of Process Controls:  
Installation of Process Detection Systems: Yes  
Installation of Perimeter Monitoring Systems:  
Installation of Mitigation Systems: Yes  
None Recommended:  
None:  
Other Changes Since Last PHA or PHA Update:

## Review of Operating Procedures

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Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures): 20-Dec-2014

## Training

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Training Revision Date (The date of the most recent review or revision of training programs): 05-Mar-2015

## The Type of Training Provided

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Classroom: Yes  
On the Job: Yes  
Other Training:

## The Type of Competency Testing Used

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Written Tests:  
Oral Tests: Yes  
Demonstration:  
Observation: Yes  
Other Type of Competency Testing Used:

## Maintenance

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Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures): 05-Mar-2015

Equipment Inspection Date (The date of the most recent equipment inspection or test): 27-Feb-2015

Equipment Tested (Equipment most recently inspected or tested): Diffusion Tank

## Management of Change

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Change Management Date (The date of the most recent change that triggered management of change procedures): 14-Sep-2013

Change Management Revision Date (The date of the most recent review or revision of management of change procedures): 05-Mar-2015

## Pre-Startup Review

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Pre-Startup Review Date (The date of the most recent pre-startup review): 20-Sep-2013

## Compliance Audits

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Compliance Audit Date (The date of the most recent compliance audit): 05-Mar-2015

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit): 30-Jun-2015

## Incident Investigation

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Incident Investigation Date (The date of the most recent incident investigation (if any)): 07-Jan-2014

Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation): 07-Jan-2014

## Employee Participation Plans

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Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans): 05-Mar-2015

## Hot Work Permit Procedures

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Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures): 05-Mar-2015

## Contractor Safety Procedures

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Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures): 05-Mar-2015

Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance): 05-Mar-2015

## Confidential Business Information

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CBI Claimed:

## Section 8. Program Level 2

No records found.

## Section 9. Emergency Response

### Written Emergency Response (ER) Plan

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Community Plan (Is facility included in written community emergency response plan?):

Facility Plan (Does facility have its own written emergency response plan?): Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): Yes

Healthcare (Does facility's ER plan include information on emergency health care?): Yes

### Emergency Response Review

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Review Date (Date of most recent review or update of facility's ER plan): 08-Apr-2015

### Emergency Response Training

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Training Date (Date of most recent review or update of facility's employees): 18-Oct-2014

### Local Agency

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Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated): Jones County Civil Defense

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated): (601) 426-2323

### Subject to

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OSHA Regulations at 29 CFR 1910.38: Yes

OSHA Regulations at 29 CFR 1910.120: Yes

Clean Water Regulations at 40 CFR 112: Yes

RCRA Regulations at CFR 264, 265, and 279.52:

OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:

State EPCRA Rules or Laws: Yes

Other (Specify):

## Executive Summary

### EXECUTIVE SUMMARY:

#### 1. Accidental Release Prevention and Emergency Response Policies

We at Sanderson Farms, Inc. are strongly committed to employee, public and environmental safety. This commitment is demonstrated by our comprehensive accidental release prevention program that covers areas such as design, installation, operating procedures, maintenance, and employee training associated with the processes at our facility. It is our policy to implement appropriate controls to prevent possible releases of regulated substances.

#### 2. The Stationary Source and the Regulated Substances Handled

Our facility's primary activities encompass Ammonia Refrigeration. We have 1 regulated substances present at our facility. The substance is Ammonia (anhydrous). Ammonia (anhydrous) is used as a refrigerant.

#### 3. The Worst Case Release Scenario(s) and the Alternative Release Scenario(s), including administrative controls and mitigation measures to limit the distances for each reported scenario

To perform the required off-site consequence analysis for our facility, we have used the EPA's RMP Guidance for Ammonia Refrigeration Reference Tables or Equations.

#### 4. The General Accidental Release Prevention Program and the Chemical-Specific Prevention Steps

Our facility has taken all the necessary steps to comply with the accidental release prevention requirements set out under 40 CFR part 68 of the EPA. The following sections briefly describe the elements of the release prevention program that is in place at our stationary source.

#### Process Safety Information

Sanderson Farms, Inc. maintains a detailed record of safety information that describes the chemical hazards, operating parameters and equipment designs associated with all processes.

#### Process Hazard Analysis

Our facility conducts comprehensive studies to ensure that hazards associated with our processes are identified and controlled efficiently. The methodology used to carry out these analyses is What If. The studies are undertaken by a team of qualified personnel with expertise in engineering and process operations and are revalidated at a regular interval of every 5 years. Any findings related to the hazard analysis are addressed in a timely manner. The most recent PHA/update was performed on 3/5/2015.

#### Operating Procedures

For the purposes of safely conducting activities within our covered processes, Sanderson Farms, Inc. maintains written operating procedures. These procedures address various modes of operation such as initial startup, normal operations, temporary operations, emergency shutdown, emergency operations, normal shutdown and startup after a turnaround. The information is regularly reviewed and is readily accessible to operators involved in the processes.

#### Training

Sanderson Farms, Inc. has a comprehensive training program in place to ensure that employees who are operating processes are competent in the operating procedures associated with these processes. Refresher training is provided at least every 3 years and more frequently as needed.

#### Mechanical Integrity

Sanderson Farms, Inc. carries out highly documented maintenance checks on process equipment to ensure proper operations. Process equipment examined by these checks includes among others; pressure vessels, storage tanks, piping systems, relief and vent systems, emergency shutdown systems, controls and pumps. Maintenance operations are carried out by qualified personnel with previous training in maintenance practices. Furthermore, these personnel are offered specialized training as needed. Any equipment deficiencies identified by the maintenance checks are corrected in a safe and timely manner.

#### Management of Change

Written procedures are in place at Sanderson Farms, Inc. to manage changes in process chemicals, technology, equipment and procedures. The most recent review/revision of maintenance procedures was performed on 9/14/2013. Process operators, maintenance personnel or any other employee whose job tasks are affected by a modification in process conditions are promptly made aware of and offered training to deal with the modification.

#### Pre-startup Reviews

Pre-start up safety reviews related to new processes and to modifications in established processes are conducted as a regular practice at Sanderson Farms, Inc.. The most recent review was performed on 09/20/2013. These reviews are conducted to confirm that construction, equipment, operating and maintenance procedures are suitable for safe startup prior to placing equipment into operation.

#### Compliance Audits

Sanderson Farms, Inc. conducts audits on a regular basis to determine whether the provisions set out under the RMP rule are being implemented. The most recent compliance audit was conducted on 3/5/2015. These audits are carried out at least every 3 years and any corrective actions required as a result of the audits are undertaken in a safe and prompt manner.

#### Incident Investigation

Sanderson Farms, Inc. promptly investigates any incident that has resulted in, or could reasonably result in a catastrophic release of a regulated substance. These investigations are undertaken to identify the situation leading to the incident as well as any corrective actions to prevent the release from reoccurring. All reports are retained for a minimum of 5 years.

#### Employee Participation

Sanderson Farms, Inc. truly believes that process safety management and accident prevention is a team effort. Company employees are strongly encouraged to express their views concerning accident prevention issues and to recommend improvements. In addition, our employees have access to all information created as part of the facility's implementation of the RMP rule, including information resulting from process hazard analyses in particular.

#### Contractors

On occasion, our company hires contractors to conduct specialized maintenance and construction activities. Prior to selecting a contractor, a thorough evaluation of safety performance of the contractor is carried out. Sanderson Farms, Inc. has a strict policy of informing the contractors of known potential hazards related the contractor's work and the processes. Contractors are also informed of all the procedures for emergency response should an accidental release of a regulated substance occur.

#### 5. Five-year Accident History

Sanderson Farms, Inc. has had an excellent record of preventing accidental releases over the last 5 years. Due to our stringent release prevention policies, there has been no accidental release during this period.

#### 6. Emergency Response Plan

Sanderson Farms, Inc. carries a written emergency response plan to deal with accidental releases of hazardous materials. The plan includes all aspects of emergency response including adequate first aid and medical treatment, evacuations, notification of local emergency response agencies and the public, as well as post-incident decontamination of affected areas.

To ensure proper functioning, our emergency response equipment is regularly inspected and serviced. In addition, the plan is promptly updated to reflect any pertinent changes taking place within our processes that would require a modified emergency response.

#### 7. Planned Changes to Improve Safety

Sanderson Farms routinely evaluates the various elements of our accidental release prevention program. There are no expected changes at this time.